

Converting Colors

HunterLab(24.0317, 5.5948,
-39.4846)

Have a look what the booklet for
HunterLab(24.0317, 5.5948,
-39.4846) contains.

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Color

**HunterLab(24.1204, 5.5550,
-39.5856)**

Conversions

Conversions Part 1	
Format	Color
Hex	104385
RGB	16, 67, 133
RGB Percent	6%, 26%, 52%
CMY	0.9372, 0.7373, 0.4784
CMYK	0.88, 0.50, 0.00, 0.48
HSL	214°, 79%, 29%
HSV	214°, 88%, 52%
XYZ	6.4545, 5.8179, 22.9731
YIQ	59.2750, -51.5820, 9.7140

Conversions

Conversions Part 2

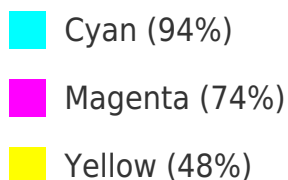
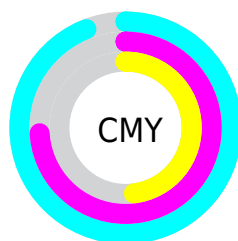
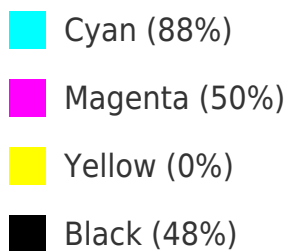
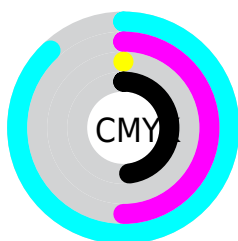
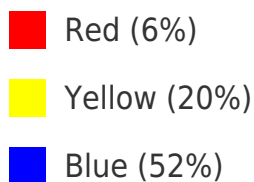
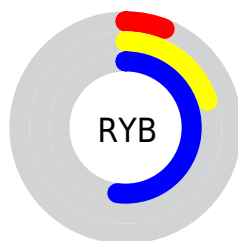
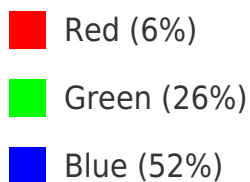
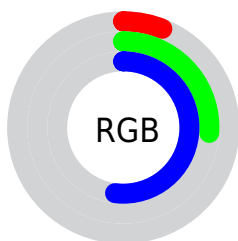
Format	Color
RYB	16, 52, 133
Decimal	1065861
CIELab	28.95, 10.25, -41.57
CIELCh	29, 42.812, 283.851
Yxy	5.8181, 0.1831, 0.1651
Android (android.graphics.Color)	4279255941 (0xFF104385)
YUV	59.2750, 36.3464, -37.9522
Hunter-Lab	24.1204, 5.5550, -39.5856

Details

The HunterLab color **24.1204, 5.5550, -39.5856** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **33.2576, 10.4182, 19.8007**, and the grayscale version is **20.9007, -1.1152, 1.1356**.

A 20% lighter version of the original color is **41.7869, 6.1304, -40.8498**, and **11.6761, 9.0829, -34.2016** is the 20% darker color. If you saturate the color by 10%, you get **22.1139, 8.5797, -45.7187**, and if you desaturate by 10%, it is **26.3142, 3.0066, -33.7313**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.1204, 5.5550, -39.5856 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 24.1204, 5.5550, -39.5856 by changing the saturation by 10% instead.

■ 24.1204, 5.5550,
-39.5856

■ 24.1204, 5.5550,
-39.5856

125.4777, 4.7505,
-44.8027

■ 16.5372, 5.2418,
-39.9392

■ 41.8958, 5.8583,
-40.4018

■ 9.9744, 4.7815,
-41.9734

■ 51.9350, 5.8811,
-41.0511

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.6685, 5.8332,
-41.7348

0.0000, NaN, -NF

■ 74.0538, 5.7221,
-42.4148

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.0557, 5.5538,
-43.0705

0.0000, NaN, NaN

■ 98.6438, 5.3333,

-43.6907

0.0000, NaN, NaN

111.7921, 5.0644,
-44.2691

■ 24.1204, 5.5550,
-39.5856

■ 24.1204, 5.5550,
-39.5856

■ 22.1139, 8.5797,
-45.7187

■ 26.3142, 3.0066,
-33.7313

■ 21.7167, 9.2168,
-47.0404

■ 28.6957, 0.9871,
-28.1497

■ 31.2439, -0.5463,
-22.8671

■ 33.9389, -1.6491,
-17.8818

■ 36.7635, -2.3781,
-13.1755

■ 39.7029, -2.7857,
-8.7221

■ 42.7443, -2.9178,
-4.4923

■ 45.8773, -2.8137,
-0.4579

■ 49.0930, -2.5064,
3.4074

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.1207, -8.3795, -38.9550



24.1204, 5.5550, -39.5856



24.1207, 20.5297, -25.6957

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.1207, 5.5557, -39.5850



24.1207, 21.5582, 13.2219



24.1207, -22.2067, 7.4443

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.1204, 5.5550, -39.5856



33.2576, 10.4182, 19.8007

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.1207, -17.3521, 13.4937



24.1204, 5.5550, -39.5856



24.1207, 6.7303, 15.3741

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.1207, 5.5557, -39.5850



24.1207, 31.1063, 6.7099



24.1207, -7.4452, 15.4505



24.1207, -22.3809, -5.7181

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.1204, 5.5550, -39.5856



24.1207, 28.2131, -13.0537



24.1207, -7.4452, 15.4505



24.1207, -21.1292, 10.1419

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.1207, 5.5557, -39.5850



53.6798, -3.7725, -10.8803



41.7971, -30.1708, 14.3630



24.9268, -1.7417, -5.9653



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.1207, 5.5557, -39.5850



28.5358, 13.4706, -64.7465



14.9448, 30.5448, -78.2918



22.0312, -1.3734, -0.4447



21.2315, 8.9168, -45.7864



1.7238, -0.3208, -1.4621

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.0059, 38.8272, 2.3567



30.7340, 54.3114, 6.8481



46.1912, -14.1505, 27.5852



21.7254, 1.0124, 0.7464



22.4544, 39.7552, 4.4215



1.3744, 2.5310, -0.4855

Previews

White Background



This preview shows how the HunterLab color 24.1204, 5.5550, -39.5856 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 24.1204, 5.5550, -39.5856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 24.1204, 5.5550, -39.5856 Background



This preview shows how black text looks on a background with the HunterLab color 24.1204, 5.5550, -39.5856.



This preview shows how white text looks on a background with the HunterLab color 24.1204, 5.5550, -39.5856.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.1204, 5.5550, -39.5856

Protanopia

24.1628, 6.8302, -38.5569

Deuteranopia

24.0530, 0.2300, -30.5606



Tritanopia

24.0062, -11.7506, -4.6394

Trichromacy



Original Color

24.1204, 5.5550, -39.5856

Protanomaly

24.0188, 6.3767, -38.9745

Deuteranomaly

24.0859, 2.0866, -33.7106

Tritanomaly

23.9247, -6.3699, -15.2478

Monochromacy



Original Color

24.1204, 5.5550, -39.5856

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.5191, -1.1723, -11.0178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.1204, 5.5550, -39.5856 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(16, 67, 133)` looks like.

```
.text, #text, p{  
    color:rgb(16, 67, 133)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(16, 67, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 67, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 24.1204, 5.5550, -39.5856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(16, 67, 133) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(16, 67, 133) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(16, 67, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 67, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 67, 133);  
box-shadow:4px 4px 4px 4px rgb(16, 67,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.1204, 5.5550, -39.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 67, 133) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(16, 67,  
133) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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